

SECURE SESSION MANAGEMENT AND AUTHENTICATION FOR WEB SITES

ABSTRACT

The present invention comprises a system and method for secure session management and authentication between web sites and web clients. The method includes both secure and non-secure communication protocols, means for switching between secure and non-secure communication protocols, a session cookie and an authcode cookie. The session cookie is used for session management and the authcode cookie is used for authentication. The session cookie is transmitted using a non-secure communication protocol when the web client accesses a non-secure web page, whereas, the authcode cookie is transmitted using a secure communication protocol when the web client accesses a secure web page. Session management architecture and usage of two distinct cookies along with both secure and non-secure communication protocols prevents unauthorized users from accessing sensitive web client or web site information.